

Day 1 Wednesday 14 September 2022		
Time	Session	Speakers
09:30	Registration	
10:00	Welcome, introduction and aims for this year's Risk & Safety Forum	Jasbir Sidhu Managing Director, CRA BEng (Nuclear), MBA https://www.linkedin.com/in/jasbir-sidhu-85b3301a/
10:15	Keynote: Robots and Other Safety Threats to Innovation	Adrienne Kelbie CBE HonFNucl, FEI, FRSA, FCIPD MD, Adrienne Kelbie Coaching Ltd NED, board advisor, executive and team coach, consultant AdrienneKelbie.com https://www.linkedin.com/in/adriennekelbie/
10:40	What is a Safety Case in a Data Driven World?	Dr Gavin Edwards HPC Technical Programme Director BEng (Hons), PhD
11:05	Analog accidents in a Digital Age	Andrew Buchan BSc (Hons) MRSC CChem, FSaRs, FNucl, MIFirE Head of Analysis and Assessment, Sellafield Ltd Chair for Safety and Reliability Society SARS.org.uk
11:30	Panel: Accelerating the acceptance of Digital in Nuclear	Chair: Steve Torrens Safety Directors' Forum member BSc (Hons) https://www.linkedin.com/in/steven-torrens-8aab8796/
Humans muddling through a Digital World		
11:55	Moving HF to the left – a different perspective on HF integration with digitised systems	Adrian Wheatley Chief Consultant, Human Factors, CRA (CFIEHF) BSc (Hons), MSc https://www.linkedin.com/in/adrian-d-wheatley-cfiehf-b963559/
12:20	Human Factors in Cybersecurity	Amanda Widdowson Head of HF, Thales (CIEHF) BSc, MSc, C.ErgHF, Eur.Erg, AFBPsS, FCIEHF https://www.linkedin.com/in/amanda-widdowson/ twitter.com/AJWiddowson
12:45	Lunch	
13:30	Honey, I Digitalised the Kids	Andy Wright Principal Consultant, Human Factors, CRA https://www.linkedin.com/in/andrew-wright-326b8399/
13:55	Human reliability data, how low can you go?	Dr Huw Gibson Principal Scientist, Trimetis CFIEHF, MSc (Eng), PhD https://www.linkedin.com/in/huw-gibson-3045bb82/
14:20	Panel: HF Impact on a Digital World	Chair: Anna Ellis Human Factors Branch Manager Technical Client Organisation, EDF (UK) https://www.linkedin.com/in/anna-e-24b9b497/
AI and Digital Innovation		
14:45	Digital Innovation in the fields of Criticality Safety and Shielding Assessment	Tom Page Director, Cerberus Nuclear https://www.linkedin.com/in/tom-page-83180a66/
15:10	Realistic Software Modelling in Probabilistic Safety Assessment	Ash Grant Safety Inspector, PSA, ONR https://www.linkedin.com/in/ash-grant1/ Hugh Stephenson Operations Manager and Principal Consultant, CRA https://www.linkedin.com/in/hugh-stephenson-0347651b/
15:35	Break	
15:50	Software Reliability of Digital Instrumentation and Control Systems for Nuclear Power Plant Safety	Jorge Luis Hernandez Nuclear Safety Officer, IAEA https://www.linkedin.com/in/jorge-luis-hernandez-025250229/

16:15	Digital Safety Case Powered by Artificial Intelligence	<p>Marinos Panayiotou Senior Consultant, Digital Lead, CRA MEng (Hons), Prince2 https://www.linkedin.com/in/marinos-panayiotou-606a4545/</p> <p>Emir Roumili Digital Project/Product Manager, Assystem https://www.linkedin.com/in/emir-roumili/</p>
16:40	Decoding digital – The Importance of Taxonomies and Data Modelling for Future Proofed Maintenance	<p>Oliver Wheeler-Nuridin Operations Director, Azurelope https://www.linkedin.com/in/oliverwn/</p>
17:05	Development, Implementation and Integration of Digital Tools in the UK GDF Programme	<p>John Malget Safety Case Officer, Integrated Safety Team, Nuclear Waste Services ARCS MAPM MCMi FSaRS https://www.linkedin.com/in/dr-john-malget-arcs-mapm-mcml-fsars-669ab9b/</p>
17:30	Panel: Is Nuclear ready to embrace AI and Digital Innovation at speed?	<p>Chair: Adrienne Kelbie CBE HonFNucl, FEI, FRSA, FCIPD MD, Adrienne Kelbie Coaching Ltd NED, board advisor, executive and team coach, consultant AdrienneKelbie.com https://www.linkedin.com/in/adriennekelbie/</p>
17:55	Special Announcements & Closing remarks	<p>Jasbir Sidhu Managing Director, CRA BEng (Nuclear), MBA https://www.linkedin.com/in/jasbir-sidhu-85b3301a/</p>
18:05	Day 1 close	
18:30	Drinks reception	
19:30	Dinner	

Day 2 Thursday 15 September 2022		
Time	Session	Speaker
09:30	Welcome and Introduction	Jasbir Sidhu Managing Director, CRA BEng (Nuclear), MBA https://www.linkedin.com/in/jasbir-sidhu-85b3301a/
09:55	Keynote: Where are we with Fusion?	Tony Roulstone Cambridge Nuclear Energy Centre, University of Cambridge. MA, CEng, FIMechE, AMNucl. armr2@cam.ac.uk https://www.linkedin.com/in/tony-roulstone-13b6b47/
10:20	Hazards of Fusion Power Plant	Bethany Colling Fusion Regulatory Development Specialist, UKAEA MEng(Hons), PhD, CEng, MIET https://www.linkedin.com/in/bethany-colling-75508564/
10:45	Regulating the ITER project	Jean-Francois Bossu Director of Nuclear Risk Management at Assystem Atomic engineer (Ingénieur en Génie Atomique, INSTN) French Navy Captain (retired) https://www.linkedin.com/in/jfbossu/
11:10	Management of Digital Data during the Design, Construction and Operation of a Fusion Device	Shaun de-Witt Head of High Performance Data Analytics, UKAEA MSc in Astronomical Technology at University of Edinburgh https://www.linkedin.com/in/shaun-de-witt-08b17873/
11:35	Panel: Nuclear Safety, lesser of a concern for Fusion?	Chair: Darren Groombridge Technical Specialist (Nuclear Safety & Engineering Substantiation) BSc (Hons), MSc, PhD, CEng, MIET, CPhys, MInstP, MSaRS, MEI https://www.linkedin.com/in/dr-darren-groombridge-b6201028/
12:00	Lunch	
Modelling and Simulation		
12:45	Core Safety: Digitalized Fault Schedule as the Core of RBPS Management System	Dr Masayuki Tanabe Group Manager (Technical HSE Department), JGC Corporation PhD Yokohama National University IAS Visiting Associate Professor MIChemE Professional Process Safety Engineer https://www.linkedin.com/in/masayuki-tanabe-76173b72/
13:10	Move3D: A Visualisation Solution for Heavy Lifting	Yusuf Warsama Technical Sales Manager, Mammoet https://www.linkedin.com/in/yusuf123/
13:35	Space Weather Resilience in the Digital Age	Matthew Allcock Natural Hazards Researcher and Space Weather Specialist, EDF https://www.linkedin.com/in/matthew-allcock/
14:00	Structural integrity digital twins in nuclear	Dr Adam Towse Head of Discipline (Simulation and Assessment), Assystem BEng(Hons), PhD, CEng, FIMechE https://www.linkedin.com/in/adamtowse/
14:25	Confidence and Uncertainty in Numerical Models	Dr Neil Headings Group Leader, AI and Analytics, Frazer-Nash Consultancy MPhys, PhD https://www.linkedin.com/in/neil-headings-988a0995/
14:50	Panel: Modelling and Simulation informing safety cases	Chair: Lucia Capogna Technical Lead, Ebeni Ltd BSc in Computer Science and Eng, MSc in System Eng, MIET https://www.linkedin.com/in/lucia-capogna/
15:15	Closing remarks	Jasbir Sidhu Managing Director, CRA BEng (Nuclear), MBA https://www.linkedin.com/in/jasbir-sidhu-85b3301a/
15:30	Forum Day 2 close	